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PTO/SB/05 (2/98)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR 1.53(h))</i>		Attorney Docket No. 06192.0164.NPUS00	
		First Named Inventor or Application Identifier Jang-Kun SONG	
		Title Thin Film Transistor Array Substrate For Liquid Crystal Display And Method For Fabricating The Same	
		Express Mail Label No.	

  

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents</i>	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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<p>1. <input checked="" type="checkbox"/> *Fee Transmittal Form (Form PTO-1082) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 23 ] <i>(preferred arrangement set forth below)</i> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R&amp;D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claims - Abstract of the Disclosure</p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 13 ]</p> <p>4. <input type="checkbox"/> Oath or Declaration [Total Pages ]</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> <i>[Note Box 5 below]</i></p> <p>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>5. <input type="checkbox"/> Incorporation By Reference <i>(useable if Box 4b is checked)</i> The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p>	<p>6. <input type="checkbox"/> Microfiche Computer Program <i>(Appendix)</i></p> <p>7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></p> <p>a. <input type="checkbox"/> Computer Readable Copy</p> <p>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p>
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<b>ACCOMPANYING APPLICATION PARTS</b>	
8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>
10. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>	11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
12. <input type="checkbox"/> Preliminary Amendment	13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Two) <i>(should be specifically itemized)</i>
14. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired	15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
16. <input type="checkbox"/> Other:	

  

**17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No: /
Prior Application Information: Examiner:			Group/Art Unit:

  

**18. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label 22930	or <input type="checkbox"/> Correspondence address below
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Name (Print/Type)	Michael J. Bell			Registration No. (Attorney/Agent)	39,604
Signature	<i>Michael J. Bell</i>			Date	May 14, 2001



05/14/01

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A LIMITED LIABILITY PARTNERSHIP

May 14, 2001

**Box New Applications**Assistant Commissioner for Patents  
Washington, DC 20231

Re: New Utility Non-Provisional U.S. Patent Application  
Application No. **TO BE ACCORDED** Filed **HEREWITH**  
Title: **THIN FILM TRANSISTOR ARRAY SUBSTRATE FOR**  
**LIQUID CRYSTAL DISPLAY AND METHOD FOR FABRICATING THE SAME**  
Inventors: **Jang-Kun SONG, et al.**  
Our Ref: **06192.0164.NPUS00**

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Form PTO SB/05;
2. Form PTO 1082;
3. U.S. Utility Patent Application entitled:

**THIN FILM TRANSISTOR ARRAY SUBSTRATE FOR LIQUID CRYSTAL  
DISPLAY AND METHOD FOR FABRICATING THE SAME**and naming as inventors: **Jang-Kun SONG**  
**Yong-Woo CHOI**

the application consisting of:

a. A specification containing:

- (i) 15 pages of description prior to the claims;
- (ii) 7 pages of claims (**25** claims);
- (iii) a **one** (1) page abstract;

b. 13 sheets of drawings: (**Figures 1, 2, 3A, 3B, 4A, 4B, 5A, 5B, 6A, 6B, 7, 8 and 9**);

4. Two (2) return postcards

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

**This patent application is being submitted under 37 C.F.R. § 1.53(b) without Declaration and without filing fee.**

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, and/or credit our Deposit Account No. 08-3038 referencing docket number 06192.0164.NPUS00. *A copy of this letter is enclosed.*

Respectfully submitted,

*Derek J. Jandier (44,403)*

*For* Michael J. Bell  
Registration No. 39,604

Enclosures

**HOWREY SIMON ARNOLD & WHITE, LLP****Box No. 34****1299 Pennsylvania Avenue, NW****Washington, DC 20004-2402****(202) 783-0800**Attorney Docket No. 06192.0164.NPUS00

ASSISTANT COMMISSIONER FOR PATENTS

Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventors: **Jang-Kun SONG and Yong-Woo CHOI**For: **THIN FILM TRANSISTOR ARRAY SUBSTRATE FOR LIQUID CRYSTAL DISPLAY  
AND METHOD FOR FABRICATING THE SAME**

Enclosed is a new application comprising:

- ☒ A specification containing: 15 pages of description prior to the claims; 7 pages of claims (**25 claims**); a one (1) page abstract; 13 sheets of drawings (**Figures 1, 2, 3A, 3B, 4A, 4B, 5A, 5B, 6A, 6B, 7, 8 and 9**);
- ☒ PTO SB/05

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	25-20 =	* 5
INDEP. CLAIMS	2 -3 =	* 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

\*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY	
RATE	
	\$ 345.00
x 9 =	
x 39 =	
+ 130 =	
TOTAL	

OTHER THAN A SMALL ENTITY	
RATE	FEE
	\$ 710.00
x 18 =	90.00
x 80 =	
+ 270 =	
TOTAL	\$ 800.00

- ☐ A check in the amount of \$\_\_\_\_\_ to cover the filing and extra claims fees is enclosed
- ☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038 referencing docket number 06192.0164.NPUS00. *A duplicate of this sheet is enclosed.*

- ☒ Any patent application processing fees under 37 CFR 1.17
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date May 14, 2001

*David J. Bell (44,483)*  
 For Michael J. Bell  
 Registration No. 39,604